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MS Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown belong the postage of the postage

Docket No.: CTCH-P01-016 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Baltimore et al.

Application No.: 10/656531

Art Unit: N/A

Filed: September 5, 2003

Examiner: Not Yet Assigned

For: USE OF CHIMERIC NUCLEASES TO

STIMULATE GENE TARGETING

SECOND PRELIMINARY AMENDMENT

MS Non-Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

Prior to examination on the merits, please amend the above-identified U.S. patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Remarks/Arguments begin on page 11 of this paper.